

Claims.

- 1). An external bead trimmer with a shaving breaker device, wherein it comprises a support (2) having at an end thereof a through-hole (3) which bears, on an entrance edge thereof, a cutting element (4) arranged and conformed to remove, during a cutting motion, an external weld bead (20) and to direct a resulting shaving (21) through the through-hole (3), the through-hole (3) bearing, in proximity of an exit edge thereof, means for chopping (5) the shaving, predisposed to fragment the shaving coming from the through-hole (3).
- 5) 2). The tool of claim 1, wherein the means for chopping (5) for fragmenting the shaving comprise a blade (6) having a first cutting edge (6a) and a second cutting edge (6b) opposite the first cutting edge (6a), the blade (6) being slidable, during a cutting motion, on a surface containing the exit edge of the through-hole (3) with an alternating motion in which the blade (6) transits over a section of the through-hole (3), moving between a first dead point and second dead point at which first and second dead points it is external of the through-hole (3).
- 10) 3). The tool of claim 2, wherein in the motion of the blade (6) from the first dead point to the second dead point, at least a section of the shaving (21), which shaving (21) is moving through the through-hole (3), is caught between the first cutting edge (6a) and at least a tract of the exit edge of the through-hole (3), so that the shaving (21) is cut at the section thereof.
- 15) 4). The tool of claim 2, wherein in the motion of the blade (6) from the second dead point to the first dead point at least a section of shaving (21), which is moving through the through-hole (3), is caught between the second cutting edge (6b) and at least a tract of the exit edge of the through-hole (3), so that the shaving (21) is cut at the section thereof.
- 20)

- 5). The tool of claim 1, wherein the support (2) exhibits a front surface (2a) on which the entrance edge of the through-hole (3) is located, and a rear surface (2b) on which the exit edge of the through-hole (3) is located and on which the blade (6) runs.
- 5 6). The tool of claim 1 or 2, wherein the through-hole (3) is circular in section and the dead points of the alternating motion of the blade (6) are diametrically opposite with respect to the through-hole (3).
- 7). The tool of claim 2, wherein the blade (6) is associated to a support (6c) which is slidable on the rear surface (2b) of the support (2), by means of two arms connected at ends thereof, the arms being of a length and being arranged at a reciprocal distance from one another such that the support (6c) does not interfere with the through-hole (3).